# APPENDIX B Data Tables

The data tables listed in this appendix are accessible on CD or at http://www.llnl.gov/saer.

# **B.1** Air Effluent (Chapter 4)

- B.1.1 Summary of gross alpha and gross beta (μBq/m<sup>3)</sup> in background locations for comparison to monitored air effluent emission points in 2006
- B.1.2 Summary of gross alpha and gross beta (μBq/m<sup>3</sup>) in air effluent samples from monitored emission point at Livermore site, Building 235, 2006
- B.1.3 Summary of gross alpha and gross beta (μBq/m<sup>3</sup>) in air effluent samples from monitored emission points at Livermore site, Building 251, 2006
- B.1.4 Summary of gross alpha and gross beta (μBq/m³) in air effluent samples from monitored emission points at Livermore site, Building 491, 2006
- B.1.5 Summary of gross alpha and gross beta (μBq/m³) in air effluent samples from monitored emission points at Livermore site, Building 695, 2006
- B.1.6 Summary of tritium (Bq/m<sup>3</sup>) in air effluent samples from the monitored emission point at Livermore site, Building 695, 2006
- B.1.7 Summary of gross alpha and gross beta (μBq/m<sup>3</sup>) in air effluent samples from monitored emission points at Livermore site, Plutonium Facility, 2006
- B.1.8 Summary of tritium in air effluent samples (Bq/m<sup>3</sup>) from monitored emission points at Livermore site, Tritium Facility, 2006
- B.1.9 Summary of gross alpha and gross beta (μBq/m<sup>3</sup>) in air effluent samples from monitored emission points at Site 300, Building 801, 2006

## **B.2** Ambient Air (Chapter 4)

- B.2.1 Tritium concentrations (mBg/m<sup>3</sup>) in air near diffuse sources on the Livermore site, 2006
- B.2.2 Weekly gross alpha and gross beta concentrations (μBq/m³) from air particulate samples from the Livermore perimeter locations, 2006
- B.2.3 Tritium concentrations (mBg/m<sup>3</sup>) in air on the Livermore site, 2006
- B.2.4 Beryllium concentration (pg/m<sup>3</sup>) in Livermore site and Site 300 air particulate samples, 2006
- B.2.5 Beryllium-7 concentrations (mBq/m³) composite for Livermore site and Site 300 air particulate samples, 2006
- B.2.6 Plutonium-239+240 concentrations (nBq/m³) in air particulate samples from the Livermore perimeter and Site 300 perimeter composite, 2006
- B.2.7 Uranium mass concentrations (pg/m³) in air particulate samples, 2006
- B.2.8 Weekly gross alpha and gross beta concentrations ( $\mu Bq/m^3$ ) from air particulate samples from the Livermore Valley downwind locations, 2006
- B.2.9 Tritium concentrations (mBg/m<sup>3</sup>) in air, Livermore Valley, 2006
- B.2.10 Weekly gross alpha and gross beta concentrations (μBq/m³) from air particulate samples from Livermore Valley and the special interest location, 2006
- B.2.11 Plutonium-239+240 concentrations (nBq/m³) in air particulate samples from the Livermore Valley and Site 300 perimeter, 2006

- B.2.12 Tritium concentrations (mBg/m<sup>3</sup>) in air, Site 300, 2006
- B.2.13 Weekly gross alpha and gross beta concentrations ( $\mu$ Bq/m<sup>3</sup>) from air particulate samples from Site 300 and off site, 2006

## **B.3** Livermore Site Wastewater (Chapter 5)

- B.3.1 Daily monitoring results for gross alpha, gross beta, and tritium in the Livermore site sanitary sewer effluent, 2006
- B.3.2 Daily flow totals for Livermore site sanitary sewer effluent (ML), 2006
- B.3.3 Monthly and annual flow summary statistics for Livermore site sanitary sewer effluent (ML), 2006
- B.3.4 Monthly 24-hour composite results for metals in Livermore site sanitary sewer effluent, 2006
- B.3.5 Monthly monitoring results for physical and chemical characteristics of the Livermore site sanitary sewer effluent, 2006
- B.3.6 Monthly composite results for tritium for the Livermore site and LWRP effluent, 2006
- B.3.7 Weekly composite metals in Livermore site sanitary sewer effluent, 2006

## **B.4** Storm Water (Chapter 5)

- B.4.1 Metals detected in storm water runoff, Livermore site, 2006
- B.4.2 Nonradioactive constituents (other than metals) detected in storm water runoff, Livermore site, 2006
- B.4.3 Routine tritium, gross alpha, and gross beta sampling in storm water runoff at the Livermore site, 2006
- B.4.4 Dioxins and furans in storm water, Site 300, 2006
- B.4.5 Metals in storm water runoff, Site 300, 2006
- B.4.6 Nonradioactive constituents detected in storm water runoff, Site 300, 2006
- B.4.7 Polychlorinated biphenyls (PCBs) in storm water runoff, Site 300, 2006
- B.4.8 Radioactivity in storm water runoff, Site 300, 2006
- B.4.9 Total toxicity equivalents of dioxin and furan congeners in storm water runoff (pg/L) at Site 300, January 18 and March 7, 2006

#### **B.5** Livermore Site Groundwater (Chapter 5)

- B.5.1 Livermore site metals surveillance wells, 2006
- B.5.2 Livermore site Buildings 514 and 612 area surveillance wells, 2006
- B.5.3 Livermore site near Decontamination and Waste Treatment Facility (DWTF) surveillance wells, 2006
- B.5.4 Livermore site East Traffic Circle Landfill surveillance wells 1303 and 1308, 2006
- B.5.5 Livermore site East Traffic Circle Landfill surveillance wells 119 and 1306, 2006
- B.5.6 Livermore site East Traffic Circle Landfill surveillance well 906, 2006
- B.5.7 Nitrate concentrations in selected Livermore site surveillance wells, 2006
- B.5.8 Livermore site Tritium Facility surveillance wells, 2006
- B.5.9 Livermore site perimeter off-site surveillance wells, 2006
- B.5.10 Livermore site perimeter on-site surveillance wells, 2006
- B.5.11 Livermore site near the National Ignition Facility (NIF) surveillance wells, 2006
- B.5.12 Livermore site Plutonium Facility surveillance wells, 2006
- B.5.13 Livermore site Taxi Strip surveillance wells, 2006
- B.5.14 Livermore site background surveillance wells, 2006
- B.5.15 Tritium activity in Livermore Valley wells, 2006

#### B.6 Site 300 Groundwater (Chapter 5)

- B.6.1 Site 300 annually monitored off-site surveillance wells, 2006
- B.6.2 Site 300 off-site surveillance well CDF1, 2006
- B.6.3 Site 300 off-site surveillance well CON1, 2006
- B.6.4 Site 300 off-site surveillance well CON2, 2006
- B.6.5 Elk Ravine surveillance wells, 2006
- B.6.6 Site 300 off-site surveillance well GALLO1, 2006
- B.6.7 Site 300 potable supply well 18, 2006
- B.6.8 Site 300 potable supply well 20, 2006

## **B.7** Other Water (Chapter 5)

- B.7.1 Dry season (June 1 to September 30, 2006) monitoring data for releases from Lake Haussmann
- B.7.2 Wet season (January 1 to October 1 and May 31 to December 31, 2006) monitoring data for releases from Lake Haussmann
- B.7.3 Tritium activities in rain water samples collected in the vicinity of both the Livermore site and Site 300, 2006
- B.7.4 Radioactivity (Bq/L) in surface and drinking water in Livermore Valley, 2006

#### B.8 Soil (Chapter 6)

- B.8.1 Background concentration values for metals in soils at the Livermore site, 2006
- B.8.2 Soluble metals in Livermore site vadose zone soil, 2006
- B.8.3 Total metals in Livermore site vadose zone soil, 2006
- B.8.4 Gamma-emitting background and fallout radionuclides in soil and sediment in the Livermore Valley, 2006
- B.8.5 Fallout and background radionuclides in soil at Site 300, 2006
- B.8.6 Background concentration values for metals in soils at Site 300, 2006

## **B.9** Ambient Radiation (Chapter 6)

- B.9.1 Livermore site perimeter
- B.9.2 Livermore Valley
- B.9.3 Off-site locations near Site 300
- B.9.4 Site 300